Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	676	(adhesive or glue or cement) with (encapsulat\$3 or microencapsulat\$3) and tissue	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/16 15:10
L2	105	(adhesive or glue or cement) with (encapsulat\$3 or microencapsulat\$3) and tissue and \$3prosthe\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/16 15:20
L3	8	(adhesive or glue or cement) with (encapsulat\$3 or microencapsulat\$3) same tissue same \$3prosthe\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/16 15:12
L4	0	("2002/0049503").URPN.	USPAT	OR	ON	2005/06/16 15:16
L5	32	(adhesive or glue or cement) with (encapsulat\$3 or microencapsulat\$3) same tissue and \$3prosthe\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/16 15:20
L6	24	(adhesive or glue or cement) with (encapsulat\$3 or microencapsulat\$3) same tissue and \$3prosthe\$3 not 3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/16 15:39
L7	901	606/151-158.ccls. and (adhesive or glue or cement)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/16 15:40
L8	338	606/151-158.ccls. and (adhesive or glue or cement) same tissue	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/16 15:40
L9	186	606/151-158.ccls. and (adhesive or glue or cement) with tissue	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/16 15:41
L10	146	606/151-158.ccls. and (adhesive or glue or cement) with tissue and (@ad<"20010827" or @rlad<"20010827")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/16 15:41

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L11	51	("3254650" "3774615"	US-PGPUB;	OR	ON	2005/06/16 16:07
		"4350160" "4352358"	USPAT;			
		"4368736" "4523592"	USOCR			
		"4553542" "4593693"				
		"4607637" "4624255"				
		"4624257" "4657019"				
		"4747407" "4773420"				
		"4892098" "4907591"				
		"4917087" "4917090"				
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L12	20	11 and (adhesive or glue)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/16 16:07

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DOCTORNAL-TREMITERE: US 200500333328 AL

TITLE: Mathods and devices for tissue seconfiguration

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Current US Classification, US Primary Class/Subclass - CCPE (1): 505/152

Continuity Related Application Date - RLFD (2):

Continuity Related Application Date - REFD (3):

Continuity Related Application Date - RLED (4):

252000000 Contriousny Related Application Gate - FLFC (5): SERRICES

Summary of Invention Paragraph - BSTX (EU):
[BC17] In some embodiments the step of securing includes applying at least one blocompatible tissue fixation device selected from the group consisting of a steple, a tack, a river, a two-part fastener, a helical festener, a suture, and a T-ber suture. In other embodiments the step of securing involves application of a

Detail Description Paragraph - CRTZ (40):
[913] For purposes of the invention, tissue securing device 22 is
understood to have a proximal end and a distal and 21 interconnected by an
elongate pertion of suitable length to permit an operator, in contact with and
control of the proximal and, to gain resoft across no the interior of a body
cavity with the distal end 21 of the endescopic tissue engaging device 22.
Furthermone, the operator of an endecopic tissue engaging device 22 is
understood to be able to actuate an effection elseent disposed at the distal end
21 by manipulation of at least one espect of a controlling technalism disposed
at the proximal end and operatively connected to the effector element disposed
at the distal end 21. The effector element can be structured to deliver at
least one (mainly firstion device 24)

31. The apparatus of claim 30 wherein the securing means includes one or more of: a staple, a clip, a tack, a mixet, a two-part fastones, a believe fasterer, a suture, a 5-bar suture, and a **13800 **1000**12.

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Application Filing Date - AD (1):

20010823

Brief Summary fest - SSTX (22):

The reparation force distribution means may comprise a variety of means, such as a bunding composition is.g. an elementaria esterial; a majorial section is a proposition of the proposi

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fast enare.

Detailed Description Text - DETX (7):

The means 12 preferably comprises any suitable material or assembly of materials. Preferably the material or the assembly of materials is bicompositible. Examples of suitable compositions include Figure 1:

12500 realants. Discompatible bonding agents (e.g. cilicone), and bicompositible assembly, FZ or ultrassocia solding or heat sealing may be used alone or in conjunction with other techniques to create the separation focus distribution means.

Notailed Description Yest - DRON (22):

Alternatively, the securement means in the kit may comprise ties address and other suitable elements.

bone tacks and other suitable elements.

Detailed Description Text - DREW (23):

Detailed Lescription Text - SETA (23):

The tin 90 also includes a sterile peckaged surgical article 92 for use with
the securement means. The surgical article (e.g. 40) within sterile peckage 92
is used to apply the securement means 95 during the surgical procedure. The
surgical criticle may comprise any suitable surgical device. For example, the
article may comprise a summer of those articles described in U.S. Fat. No. 6,326,744; undrow W.E. Pat
Nos. 4,312,337; 4,541,866; 5,356,379; and 5,509,910, and/or W.T. taternational
application no. PCP/IL 00/00750. filed Apr. 6, 2000; and/or PCT international
publication cost. NO 97/47245 and 90/74570 (the artice contents of which are
incorporated by reference). publication mas. WO 97/472 incorporated by reference).

Current US Cross Reference Classification - CORR

806/083

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US-PAT-IE: 5752965

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Application Filing Date - AD (1):

Detailed Description Text - DETK (17):

The procent invention may be advantageously provided within a vacuum colded plattic container which is sterilized and herestically sealed at as to provide the notation askeedly, the adheoive, and the articiles of gledget manotial in a convenient and ready-to-use condition. In a preferred embediagent, the retainer waveship will be prepared at the convenient and ready-to-use condition. In a preferred embediagent, the retainer waveship will be prepared at the convicting sits with the pressure equalization marker disposed within the receiving area of the alignment frame with the first and second guide channels of the alignment frame. In this arrangement, the present invention can be quickly and efficiently employed to prepare a surgical fastener applying device for producing cainformed surgical fastener splying device for producing cainformed surgical fastener sputying out the following steps: (1) Searching the metainer assembly from the sterile package; (2) Removing the alignment frame assembly from the sterile package; (3) Removing the first and second articles of platget material as they are positioned within the first and second guids channels of the notation assembly; (3) Educationing the apposed working sunfaces of a surgical fastener applying device into the marker assembly; (5) Closing the jaws of the surgical fastener applying device onto the surgical fastener applying device onto the surgical fastener applying device way from the alignment frame can as to monove the first and second articles of pledget material, with the pressure equalization member from and second articles of pledget material, with the pressure equalization member from the account articles of pledget material adhered to the apposed working surfaces thereof so as to remove the pressure applying device with the first and second articles of pledget material; (8) Positioning the apposed working surfaces thereof so as to remove the pressure applying device to first and reinforced surgical fastener apply

Current US Original Classification - CCOR (1): 805(35)

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DONDHENY-TRENTITIES: US 5503618 A

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Soft nicese stapling between

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Application Filling Date - AD (1):

Detailed Description feet - Natz (12):

Mule the article of the present invention serves to hold the animal timewe strip 12 equinat the coopenating faces of the jacs of the surginal employ during positioning of the stapler on the tissue to be later revered and prior to firing of the stople gun, it can be opposed and then other coys of temporarily securing the tissue strips to the apposed faces of the stapler jacs are available. For example, a montanta biodegradable management and to the apposed faces of the stapler or to one surface of the tanned animal montant to be of the tanned animal montant to be stapler in place until the staple gun is fixed. Also, suture loops passing through the tissue strips and arranged to fit over the jaws of the staple gun and the stepling butteres illustrated in the drawings are generally linear, the invention is not to be constructed as limited to that single. Various other semical staplers are on the market for use in various ejectalized surplet jaw shapes and those skilled in the act will envision devices. devices.

Current US Cross Reference Classification - OCIR (2): \$8552153

Current US Cross Reference Classification - CC/R (3): \$257385

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See image for Certificate of Correction

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Flatelet give wound sealant

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Brief Summary Year - 882% (37):
A wide range of beneficial human uses has been explored and documented, in addition to those cited above. A series of compassionate use autologous addition to those cited dance. A series of compassionate use autologous applications have been performed, with a high degree of success and no complications. The platelet glue wound scalant of this invention has been used to seal leaks of cerebrospinel fluid through cut dura; to seal sametroses of native and applications with samenive inclusions, such as reducal prestatectomy, then flap reconstructive surgety, radical macks. each; in plantic surgery including burn graffling and other (ree skie graft applications; and in highly vascular cut rissue, such as the kidneys. liver spleed. The would evaluate of this invention has been uniformly effective in eliminating or greatly reducing post-operative bleeding and extravasation or loss of serous or other fluid in these applications.

Brief Summary Rest - SSTN (19): When the wound semiant of this invention was applied to the sinus cavidies When the wound sealant of this invention was applied to the sinus cavidies following endoscopin sinus surgery, the requests of encounts has been seen to be more rapid and uniform than with conventional treatment methods. Inner ear surgery has also been fruitful, ournewefully stracking the seasons been from the cochies to the eardress and even for reconstruction of the eardress itself. A few milliliters of wound scalars was allowed to get in a coldine unp, transferred to en atsorbent pad and compressed to exide serum and form a thin pad of fibring plateless, and white cells. This compressed clot was then dried for 30 minutes under a heat lamp, forming a dry, tough, but flexible sheet. This sincet was then trimmed to the connect size, sawn in place of the missing eardress with a few fine resorbable sutures, and packed externally and intermedity with platelet glue wound coalant. Association of a functioning cardress was seen within all weeks, with resorption and disappearance of the wound sealant of this invention. wound realant of this invention.

Brief Summary Text - SSTX (48):

The pixtelet give wound scalent has been used clinically in the repair of drill (burt) holes in the creatin by admixing plessa-buffy coet coccentrace with sumblagous bone pulp from the drilling process as the bone growth after. The pistelet give wound seelant has also been used in conjunction with autologous bone graft (iliac creef), butlogous bone chip, cadaver tone, and decimenatized bone matrix in the repair of bony defects of the spinal column. The pistelet give wound sealant has also been used in conjunction with outologous bone quaft (illier creet and cib), and is cepair of mammion pathological mandibular fracture. In one case of mandibular repair, a string pathological mandibular fracture. In one case of mandibular repair, a string of annihilation-impregnated monthlymethamylets beads was included in the wound sealant. Imbedded in the soft (1999) external to the mandibular zone graft, and included with additional pictular disc wound sealant. In each case of use of the pictular glue wound sealant in home defect applications, physician assessment of bone ingreated was no assessment of bone ingreated was no assessment of the ingreated was no assessment of the ingreated would seal grafts took, and there was no assessment of the ingreated worklidity. Other sources of tons growth satrix such as bydroxyapatite or tone matrox can also be utilized in conjunction with the

#CAST COMPONED (20) (49% COM ON THIS STOCKED AT LOSS STOCKED (STOCKED) (FOR STOCKED) to fa yes s whom lies Rind Code Source Larry Dal Pages Image Descument ID US 423 UEPAT :19891216 \mathbb{C} URPAY 19020601 3 us 4332037 A US 4.1. USPAT 19890613 16 JS 4839215 A U3 4-1 USPAT 13926825 :10 .08 514 UE 5141581 A 2 DERMEN 13920625 10 US 514 US 51415D1 A BS 568 W65AT 19970304 US 5607694 A us 5631019 A URPAY 19970520 UB 560 USPAT 19970729 U3 565 75 5651992 A 2.3 4 JE 5733545 A 15.5.0898.K TAGEU us 573 dus 5795922 A USPAT 19930815 US 573 08 6745537 21 USPAT 20010612 15 UE 624 02-969 20010726 17 069A9 20020625 14 HE 20010005769 AL US 200 US 6410044 B1 U3 641 -> US-VCV 20021024 26 us 700 US 20020150150 AL ćΦ ปีย์ 20020173558 A1 US-FGF 20021121 27 us 200 US 20030031697 A1 US-EGP 20030213 16 USEAT 75030415 26 US 200 16 ms 6543569 81 US 654 USPAT 20030923 IS US 6623749 BZ US 662 3 us-vor 200+0316 17 78 Sec40023381 97 us 200 16 USPAT 20040615 USPAT 20050134 us 6773699 81 us 6?? 98 6838493 82 U8 683 URPAT 2:050315 27 ns 6867247 sã U3 6:1: B 95 20050107578 A1 |us-pop|20050519 |26 US 200 na | 30000115086 | 91 US-UCE 20050526 14 us 200 Ø B

US-PAT-HO: 5607694

DOCUMENT-THENTIFYES: US 5607694 A

Riologic bloadbesive compositions commissing fibrin glus TITLE: and liposomes, methods of preparation and use

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Detailed Description Year - DEEN (35):

Fibrin glue film containing lipesomes can also be used to cost or to layer over a variety of materials used to make described devices for implantation. In an embodiment of this invention, fibrin glue containing lipesomes can be sproyed or applied as liquid onto a mental numface or other substrate onto which the composition adheres tightly. For example, a fibrin glue film containing type A lipesomes sprayed onto aluminus foil bound very tightly. Altermately, the film could be formed by layering the fibrin glue and lipesome mixture onto the surface on substrate. When aluminus foil was used as the substrate, the film (short I sm thick) could not be easily seeled or removed from the aluminus surface (FIG. 10), while the sums film deposited on time a hydrophobic surface was easily removed. These examples zerve to illustrate, but not to limit, the further embodiments of the invention in which types A, B, or C lipesomes are incorporated into fibrin glue film deposited onto a synthatic surface prior to incorporated into fibrin glue film deposited onto a synthetic surfece prior to use ik entadis or kumans.

Detailed Description Year - DEEN (75):

The shallity of lipescess to modulate or not interfere with the viscoelastic properties of fibric glue can be advantageous, such as when the fibric glue and lipesces composition is used to prepare files or membranes that need to remain filorible during use, or when the composition is used to neat the surface of a present device which itself fless or changes shape during its intended use. Often, in is desired mint such devices, coatings, or membranes be resident is vivo for imaperies of time. However, normal lytic processes could degrade the fibric glue conter capidly. For such uses, lipescess could degrade with proteclytic inhibitors encapeulated with their squeeus compartments, sinh the enset of degradation of the glue, lipescess would be apposed and slowly release their entropped proteclytic inhibitors. This process would thereby decrease the rate of degradation of the fibric glue and lipesces film or newbrane. Thus, lipescess would minimally affect and sechanical properties of fibric glue and would ultimately increase the effective lifetime of the Fibric glue membrane, coeting, or film.

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63	61 TA 6610006 B1	08-967 20030828	16 U3 6:
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	83 US 20020187516 A1	08-000 20031002	15 ns 70
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Nothed of reconstruction a joint

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Application Filling Date - AD (1):

Detailed Description 2000 - DWYZ (6):

Detailed Bearington feet - New (fir:

The Layers of multimons fixed are recurred to one another by conventional techniques known to those skilled in the set and include, for example, the use of sutures, adderives; staples and drying the fixed to be exhedizent the layers of intentional subsemman one conferenced while the layers are scouted. In one exhedizent the layers are compressed utilizing a class, and more preferably using a class that is in the shape of the contillegiance surreturn to be replaced. The class can be utilized as an outline for cutting the shape of the graft construct on the class itself is used as a die in a press.

pecall construct on the clamp itself is used as a die in a press.

Detailed Description Text - DETA (25):

The reconstructive structure of the present invantion can also be used to repair, in eith, the anticulation martilage 51 and 52 on the surface of the fewer 50 or tibis 52. The reconstructive activities induces the production of hyeling certilage. The areas where the bathod is used is the this plateau, the feweral condyle, the feweral head and actabula, enkie joint, elbum joint, shoulder joint, finger joints. The desired thinkness of the 855 structure 1d is provided and secured to the bone by suturing or TESSESSESSES FOR excepte, fibrin \$200. The damaged cartiloginous material to suraged down to a throady surface of the bone to allow the necessary seed site for the growth of the cartiloginous material. Alternatively, a membrone or bardler may be inserted to cover the stee of the bleeding bone, and the reconstructive element is affixed into them sembrane or hardler. A harrier is used to separate the bleeding bone from the reconstructive element, for example, and may include carned on a canonicable combines. The membrane is accounted by tacking or may other method. If the cartiloginous material on the knee is not omestantially damaged, the cartilage is abreded to treate a uniform damaged area without taking it to the bleeding bone. The reconstructive element is then attached to the research of the first large cartilaginous material by scruting or using a \$200.000 to the reconstructive selement is then attached to the research of the first large cartilage as a second of the second of

Related Application Viling Date - MLPD (1):

Current US Closs Reference Classification - CCXR (2):

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->	12.5	US 20020095218 A1	V4-PGF 20020718	14 US 20
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	7.0	99 20030009227 A1	U2-PGF 25000103	12 US 2
	75	V6 20030014126 A1	uspsp 20030116	13 us 7
	72	UN 20030045943 A1	ps-rer 20030366	14 ns 20
	73	03 20050045934 A1	08-FGF-20030395	17 US 20
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	7.	78 20030099682 A1	05-454 20038529	31 us 7
	77	98 26630125811 A1	US-VGF 20030703	17 ns 20
	78	93 20030130747 A1	U8-FGF 20030710	10 00 20
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DOCTORNAL-IDENTIFIES: US 20030191538 AL TITLE: Mathed of using ventricular restoration patch EVIC Current US Classification, US Primery Class/Subclass - CCPR (1): Continuity Related Application Date - RLFD (2): Continuity Related Application Date - REFD (3):

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Contioudry Related Application Come - FLFC (5): 20222211

Continuity Releted Application Date - REFS (6):

Detail Description Paragraph - NATZ (fil):

[9112] Within these wide objectives and parameters, there will be variations on the structure of the patch and the methods of restriction. Although the non-curcular configuration of the sheet material and ring are believed to be critical, the shape of the patch 72 may very widely to provide the text anatomical fit with the natural shape of the ventricle 25. The sheet material 81 may be occapeded at a variety of materials, both moment and emificial. These materials may be were or noneeven to achieve a desired structure for the sheet material 81. The ring 87 may similarly be formed from a variety of materials and provided with a variety of shapes in order to add structure to the patch 72 without innerfering with the moment contractions of him bears 12. Variations of the steps of the associated methods might include mounting the patch with a convex surface foring the ventricular cavity, use of mounting the patch with a convex surface foring the ventral cavity, use of the patch 72 to the fonten neck 75.